

**JOINT FEDERAL/STATE APPLICATION FOR THE ALTERATION OF ANY FLOODPLAIN,
WATERWAY, TIDAL OR NONTIDAL WETLAND IN MARYLAND**

FOR AGENCY USE ONLY

Application Number _____	Date Determined Complete _____
Date Received by State _____	Date(s) Returned _____
Date Received by Corps _____	Date of Field Review _____
Type of State permit needed _____	Agency Performed Field Review _____
Type of Corps permit needed _____	

- +++++
- Please submit 1 original and 4 copies of this form, required maps and plans to the Wetlands and Waterways Program as noted on the last page of this form.
 - Any application which is not completed in full or is accompanied by poor quality drawings may be considered incomplete and result in a time delay to the applicant.

Please check one of the following:

RESUBMITTAL: _____ **APPLICATION AMENDMENT:** _____ **MODIFICATION TO AN EXISTING PERMIT:** _____

JURISDICTIONAL DETERMINATION ONLY _____ **APPLYING FOR AUTHORIZATION** _____

PREVIOUSLY ASSIGNED NUMBER (RESUBMITTALS AND AMENDMENTS) _____

DATE _____

1. APPLICANT INFORMATION:

APPLICANT NAME:

A. Name: Vincent Barletta B. Daytime Telephone: 410.477.7800

C. Company: BWI Sparrows Point, LLC

D. Address: 600 Shipyard Road

E. City: Sparrows Point State: MD Zip: 21219

AGENT/ENGINEER INFORMATION:

A. Name: Kilroe P. Ferretti, PE B. Telephone: 973.256.7800

C. Company: GZA GeoEnvironmental, Inc.

D. Address: 65 Willowbrook Blvd

E. City: Wayne State: NJ Zip: 07470

ENVIRONMENTAL CONSULTANT:

A. Name: _____ B. Telephone: 973.256.7800

C. Company: GZA GeoEnvironmental, Inc.

D. Address: 65 Willowbrook Blvd

E. City: Wayne State: NJ Zip: 07470

CONTRACTOR (If known): Unknown at present

A. Name: _____ B. Telephone: _____

C. Company: _____

D. Address: _____

E. City: _____ State: _____ Zip: _____

PRINCIPAL CONTACT:

A. Name: Heather Sites (or Kilroe Ferretti) B. Telephone: 410-477-7657

C. Company: BWI Sparrows Point, LLC

D. Address: 600 Shipyard Road

E. City: Sparrows Point State: MD Zip: 21219

2. PROJECT DESCRIPTION

a. GIVE WRITTEN DESCRIPTION OF PROJECT:

The BWI Sparrows Point, LLC facility, located on the Patapsco River just southeast of the Francis Scott Key Bridge, is an important marine facility, incorporating the most significant permanent graving dock on the East Coast, along with a floating dry dock, three piers, and three slipways. Presently, the depth from Mean Low Water varies from 14 feet at the north side of the property to 27 feet at the south side of the graving dock. A deeper area of approximately 50 feet is provided at the floating dry dock. Federal channels in the Patapsco River, leading from the mouth of the Chesapeake Bay, are currently maintained at 50 feet.

The proposed project will consist of dredging to deepen the channels and berthing areas at the shipyard. The area to be dredged (depicted on Figure 2—Proposed Dredging), will be dredged to a depth of 39 feet, and will total approximately 4,180,000 cubic yards of material. The dredging plan will be undertaken in order to facilitate the arrival and departure of larger vessels with deeper drafts than can currently be accommodated. Material to be dredged consists mostly of sand and silt, with some clays, and will be deposited at Hart-Miller Island.

In order to ensure existing lateral support for the piers, we will install vertical sheet piling with a top elevation approx 1 foot above existing elevation beneath the pier configuration (See Figure 4).

Has any portion of the project been completed? _____ Yes _____ X No If yes, explain _____

b. ACTIVITY: Check all activities that are proposed in the wetland, waterway, floodplain, and nontidal wetland buffer as appropriate.

A. _____ filling
B. X dredging
C. _____ excavating
D. _____ Flooding or impounding
Water
E. _____ Draining
F. _____ grading
G. _____ removing or destroying
vegetation
H. X structures

Area for item(s) checked: Wetland 0 (sq. ft.) Buffer (Nontidal Wetland Only) 0 (sq. ft.)

Expanded Buffer (Nontidal Wetland Only) 0 (sq. ft.)

Length of stream affected 6000 (linear feet)

c. TYPE OF PROJECTS: Project Dimensions

For each activity, give overall length and width (in feet), in columns 1 and 2. For multiple activities, give total area of disturbance in square feet in column 3. For activities in tidal waters, give maximum distance channelward (in feet) in column 4. For dam or small ponds, give average depth (in feet) for the completed project in column 5. Give the volume of fill or dredged material in column 6.

		Maximum/Average				Volume of
		Length	Width	Area	Channelward	Pond
		(Ft.)	(Ft.)	Sq.	Encroachment	Depth
		1	2	Ft.	4	5
				3		6
A.	Bulkhead*	~4000			1000' along existing piers	
B.	Revetment*					
C.	Vegetative Stabilization					
D.	Gabions					
E.	Groins					
F.	Jetties					
G.	Boat Ramp					
H.	Pier*					
I.	Breakwater					
J.	Repair & Maintenance					
K.	Road Crossing					
L.	Utility Line					
M.	Outfall Construction					
N.	Small Pond					

O.	Dam						
P.	Lot Fill						
Q.	Building Structures						
R.	Culvert						
S.	Bridge						
T.	Stream Channelization						
U.	Parking Area						
V.	X Dredging* (channel)	4000'	20'				
		3000'	2500'				3,200,000 c.y.

1. X New 2. X Maintenance 3. X Hydraulic 4. X Mechanical

W. Other (explain) It is not known specifically which type of dredging, hydraulic or mechanical, will be employed since we have not chosen a contractor at this time.

***** For projects indicated with an asterisk refer to the sample plans and checklists found in the January 1988 Joint Application booklet.

d. PROJECT PURPOSE: Give brief written description of the project purpose:

The upgrade of the facility and its adjacent waterways are necessary to the revitalization of BWI Sparrows Point, LLC Shipyard and surrounding industries, such as the Dundalk Container Terminals and the Baltimore Inner Harbor. The deepening of the channels and berthing areas will allow for larger, more modern vessels to use our ship repair facilities. A variety of marine and industrial operations will be provided once the upgrade is complete, including, but not limited to: ship repair; lay berthing of NAV Sea Lift Ready Reserve Fleet vessels; large offshore barge fabrication; and, possible intramodal transportation shipping. This project has the potential of providing over 1,000 jobs to the community.

3. PROJECT LOCATION:

a. LOCATION INFORMATION:

A. County: Baltimore B. City: Sparrows Point C. Name of waterway or closest waterway Patapsco River
D. State stream use class designation: _____
E. Site Address or Location: 600 Shipyard Road, Sparrows Point, MD 21219

F. Directions from nearest intersection of two state roads: US 695, take exit 43, and turn right onto Riverside Drive. Follow to sign for Shipyard Traffic.

G. Is your project located in the Chesapeake Bay Critical Area (generally within 1,000 feet of tidal waters or tidal wetlands)?:
X Yes _____ No

H. County Book Map Coordinates (Alexandria Drafting Co.); Excluding Garrett and Somerset Counties: Baltimore County
Map: 44 Letter: J Number: 13 (to the nearest tenth)

I. FEMA Floodplain Map Panel Number (if known): _____

J. 1. 39° 11' 00" latitude 2. 76° 30' 00" longitude

b. ACTIVITY LOCATION: Check one or more of the following as appropriate for the type of wetland/waterway where you are proposing an activity:

A. <u>X</u> Tidal Waters	F. _____ 100-foot buffer (nontidal wetland of special State concern)	H. _____ 100-year floodplain (outside stream channel)
B. _____ Tidal Wetlands	G. _____ In stream channel	I. <u>X</u> River, lake, pond
C. _____ Special Aquatic Site (e.g., mudflat, vegetated shallows)	1. _____ Tidal 2. _____ Nontidal	J. <u>X</u> Other (Explain) Project involves dredging existing channel in the Patapsco River
D. _____ Nontidal Wetland		
E. _____ 25-foot buffer (nontidal wetlands only)		

c. LAND USE:

A. Current Use of Parcel Is: 1. ☐ Agriculture: Has SCS designated project site as a prior converted cropland?
☐ Yes ☐ No 2. ☐ Wooded 3. ☐ Marsh/Swamp 4. ☒ Developed
5. ☒ Other ☐ Intensely Developed Area

B. Present Zoning Is: 1. ☐ Residential 2. ☒ Commercial/Industrial 3. ☐ Agriculture 4. ☐ Marina 5. ☐ Other

C. Project complies with current zoning ☒ Yes ☐ No

THE FOLLOWING INFORMATION IS REQUIRED BY THE STATE (blocks 4-7):

4. REDUCTION OF IMPACTS: Explain measures taken or considered to avoid or minimize wetland losses in F. Also check Items A-E if any of these apply to your project.

A. ☐ Reduced the area of disturbance B. ☐ Reduced size/scope of project C. ☐ Relocated structures
D. ☐ Redesigned project

E. ☒ Other ☐ Not required for this project

F. Explanation

Describe reasons why impacts were not avoided or reduced in Q. Also check Items G-P that apply to your project.

G. ☐ Cost K. ☐ Parcel size N. ☐ Safety/public welfare issue
H. ☐ Extensive wetlands on site L. ☐ Other regulatory O. ☐ Inadequate zoning
I. ☐ Engineering/design requirement P. ☐ Other
J. ☐ Other natural features M. ☒ Failure to accomplish project purpose

Q. Description Impacts were not avoided because the purpose of the project, to deepen navigable channels at the shipyard would not be fulfilled if the project were to be modified in any way.

5. LETTER OF EXEMPTION: If you are applying for a letter of exemption for activities in nontidal wetlands and/or their buffers, explain why the project qualifies:

A. ☐ No significant plant or wildlife value and wetland impact
1. ☐ Less than 5,000 square feet
2. ☐ In an isolated nontidal wetland less than 1 acre in size
B. ☐ Repair existing structure/fill
C. ☐ Mitigation Project
D. ☐ Utility Line
1. ☐ Overhead
2. ☐ Underground

E. Other (explain)

F. ☒ Check here if you are **not** applying for a letter of exemption.

IF YOU ARE APPLYING FOR A LETTER OF EXEMPTION, PROCEED TO BLOCK 11

d. Describe how the mitigation site will be protected in the future.

10. HAVE ADJACENT PROPERTY OWNERS BEEN NOTIFIED?: A. X Yes B. No

Provide names and mailing addresses below (Use separate sheet, if necessary): Given copy of application.

a. International Steel Group
5111 North Point Blvd
Sparrows Point, MD 21219

b.

c.

11. HISTORIC PROPERTIES: Is your project located in the vicinity of historic properties? (For example: structures over 50 years old, archeological sites, shell mounds, Indian or Colonial artifacts). Provide any supplemental information in Section 13.

A. X Yes B. No C. Unknown

12. ADDITIONAL INFORMATION: Use this space for detailed responses to any of the previous items. Attach another sheet if necessary:

From Section 8: Sparrows Point currently has a permit to dispose of 600,000 c.y. of dredge material at Hart-Miller Island with the Maryland Port Administration (MPA). Another permit application will be filed for an additional 600,000 c.y. of dredge material at Hart-Miller Island, with the remaining 2,000,000 c.y. of materials dedicated for placement at an MPA-authorized future disposal facility.

From Section 11: The shipyard has been in existence since the late 1800s/early 1900s. As such, a number of buildings are over 50 years old. However, they are currently, as they have always been, being used for industrial activities.

Check box if data is enclosed for any one or more of the following (see checklist for required information):

A. X Soil borings
B. Wetland data sheets
C. Photographs

D. Field surveys
E. Alternate site analysis
F. Market analysis

G. X Site plan
H. Avoidance and
minimization analysis

I. Other (explain)

CERTIFICATION:

I hereby designate and authorize the agent named above to act on my behalf in the processing of this application and to furnish any information that is requested. I certify that the information on this form and on the attached plans and specifications is true and accurate to the best of my knowledge and belief. I understand that any of the agencies involved in authorizing the proposed works may request information in addition to that set forth herein as may be deemed appropriate in considering this proposal. I certify that all Waters of the United States have been identified and delineated on site, and that all jurisdictional wetlands have been delineated in accordance with the Federal Manual for Identifying and Delineating Jurisdictional Wetlands. I grant permission to the agencies responsible for authorization of this work, or their duly authorized representative, to enter the project site for inspection purposes during working hours. I will abide by the conditions of the permit or license if issued and will not begin work without the appropriate authorization. I also certify that the proposed works are consistent with Maryland's Coastal Zone Management Plan. I understand that none of the information contained in the application form is confidential and that I may request that additional required information be considered confidential under applicable laws. I further understand that failure of the landowner to sign the application will result in the application being deemed incomplete.

LANDOWNER MUST SIGN: DATE:

WHERE TO MAIL APPLICATION

Maryland Department of the Environment
Water Management Administration
Regulatory Services Coordination Office
1800 Washington Boulevard, Suite 430
Baltimore, Maryland 21230

Telephone: (410) 537-3762
1-800-876-0200

BEFORE YOU MAIL... DON'T FORGET...

- **SIGN AND DATE THE APPLICATION. THE LANDOWNER MUST SIGN.**
- **FIVE (5) COPIES OF ALL DOCUMENTS (APPLICATION, PLANS, MAPS, REPORTS, ETC.) MUST BE RECEIVED TO BEGIN OUR REVIEW.**
- **INCLUDE FIVE COPIES OF A VICINITY MAP (LOCATION MAP) WITH THE PROJECT SITE PINPOINTED.**

**SAMPLE PLANS MAY BE OBTAINED BY PHONE (1-800-876-0200)
OR E-MAIL acunabaugh@mde.state.md.us.**

Revised 8/98

SUPPLEMENTARY INFORMATION TO BE INCLUDED ON PLANS, DRAWINGS, OR VICINITY MAPS

In addition to the information indicated on the previous pages, you should include the following on the 8 1/2 x 11 site plans and any blueprints you have submitted:

1. Delineation of any wetland buffers or expanded buffers, clearly marked and differentiated.
2. Location of mitigation area, if proposed on the same site as the project.

Note: If you are proposing a complex project you may wish to submit engineering blueprints of your project with the application form to expedite review.

Mitigation Location Map: If you are proposing that nontidal wetland mitigation be done at a different location than the proposed project, you should submit a map showing the location of the mitigation site in relation to the proposed nontidal wetland losses.

WETLAND DELINEATION

Wetlands should be identified according to methods described in the publication Federal Manual Identifying and Delineating Jurisdictional Wetlands. Copies of the manual may be obtained by calling the U. S. Government Printing Office at 202-783-3238 and requesting document #024-010-00-683-8 at a cost of \$7.50. Wetlands must be shown on all plans submitted with the application. All wetlands on site must be delineated and shown on the overall site plan. 8½ x 11 inch plans with topography showing relation of the wetlands and project impacts must be submitted. Copies of the wetland reports and data sheets used in making the determination be included with your application submittal.

Regulatory Agencies

Federal Permits

U.S. Army Corps of Engineers
Baltimore District
Attention: CENAB-OP-R
P. O. Box 1715
Baltimore, MD 21203-1715
Telephone: (410) 962-3670

State Authorizations

MD Dept. of the Environment
Water Management Administration
Tidal Wetlands Division
1800 Washington Blvd, Ste 430
Baltimore, MD 21230
Telephone: (410) 537-3837

**Coastal Zone Consistency
Statement**

MD Dept. of the Environment
Water Management Administration
Wetlands and Waterways Program
1800 Washington Blvd, Ste 430
Baltimore, MD 21230
Telephone: (410) 537-3745

MD Dept. of the Environment
Water Management Administration
Nontidal Wetlands and Waterways
Division
1800 Washington Blvd, Ste 430
Baltimore, MD 21230
Telephone: (410) 537-3768